Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143349.D
Acq On : 12 Aug 2025 12:07
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Aug 12 13:20:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:02:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.934	152	161554	20.000	ng		0.00
21) Naphthalene-d8	8.216	136	611608	20.000	ng		0.00
39) Acenaphthene-d10	9.969	164	320321	20.000	ng		0.00
64) Phenanthrene-d10	11.451	188	460173	20.000	ng		0.00
76) Chrysene-d12	14.092	240	273246	20.000	ng		0.00
86) Perylene-d12	15.586	264	337675	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.563	112	1115976	119.453	ng		0.00
7) Phenol-d6	6.569	99	1429946	119.357	ng		0.00
23) Nitrobenzene-d5	7.492	82	1251642	127.441	ng		0.00
42) 2,4,6-Tribromophenol	10.757	330	314370	134.290	ng		0.00
45) 2-Fluorobiphenyl	9.286	172	2021003	106.990	ng		0.00
79) Terphenyl-d14	13.033	244	1568868	102.507	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.763	88	296653	61.364	ng		100
3) Pyridine	3.534	79	808240	62.740	ng		99
4) n-Nitrosodimethylamine	3.481	42	375923	62.645	ng		99
6) Aniline	6.592	93	996754	59.015	ng	#	88
8) 2-Chlorophenol	6.722	128	616100	61.717	ng		98
9) Benzaldehyde	6.481	77	387880	48.985	ng		100
10) Phenol	6.581	94	840504	59.221	ng		91
11) bis(2-Chloroethyl)ether	6.663	93	619725	59.247	ng		99
12) 1,3-Dichlorobenzene	6.875	146	671800	58.344	ng		99
13) 1,4-Dichlorobenzene	6.951	146	661936	57.278	ng		100
14) 1,2-Dichlorobenzene	7.104	146	634447	57.835	ng		100
15) Benzyl Alcohol	7.075	79	531507	61.891	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	1077772	57.714	ng		93
17) 2-Methylphenol	7.186	107	513134	60.895	ng		98
18) Hexachloroethane	7.445	117	225784	62.318	ng		100
19) n-Nitroso-di-n-propyla...	7.345	70	423943	57.269	ng		99
20) 3+4-Methylphenols	7.339	107	594674	58.354	ng		99
22) Acetophenone	7.339	105	765201	56.784	ng		98
24) Nitrobenzene	7.516	77	672780	63.075	ng		99
25) Isophorone	7.751	82	1195220	59.613	ng		99
26) 2-Nitrophenol	7.828	139	276412	63.401	ng		100
27) 2,4-Dimethylphenol	7.863	122	522594	62.476	ng		100
28) bis(2-Chloroethoxy)met...	7.957	93	726373	59.338	ng		99
29) 2,4-Dichlorophenol	8.075	162	512513	62.732	ng		99
30) 1,2,4-Trichlorobenzene	8.157	180	510824	59.275	ng		99
31) Naphthalene	8.239	128	1682766	57.179	ng		100
32) Benzoic acid	7.986	122	248714	62.282	ng		99
33) 4-Chloroaniline	8.281	127	632256	59.564	ng		99
34) Hexachlorobutadiene	8.357	225	314445	58.655	ng		99
35) Caprolactam	8.657	113	148587	64.696	ng		96
36) 4-Chloro-3-methylphenol	8.763	107	525032	61.301	ng		99
37) 2-Methylnaphthalene	8.928	142	1088275	56.249	ng		98
38) 1-Methylnaphthalene	9.028	142	1052909	56.505	ng		100
40) 1,2,4,5-Tetrachloroben...	9.092	216	516108	58.880	ng		99
41) Hexachlorocyclopentadiene	9.080	237	184941	61.485	ng		99
43) 2,4,6-Trichlorophenol	9.204	196	330076	66.369	ng		97

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44) 2,4,5-Trichlorophenol	9.245	196	355498	63.299	ng		98
46) 1,1'-Biphenyl	9.392	154	1282862	56.642	ng		99
47) 2-Chloronaphthalene	9.416	162	1038548	58.223	ng		99
48) 2-Nitroaniline	9.504	65	322909	61.917	ng		98
49) Acenaphthylene	9.828	152	1481001	57.494	ng		99
50) Dimethylphthalate	9.680	163	1125050	60.109	ng		99
51) 2,6-Dinitrotoluene	9.745	165	224724	62.496	ng		99
52) Acenaphthene	10.004	154	977067	57.055	ng		99
53) 3-Nitroaniline	9.916	138	270085	70.462	ng		99
54) 2,4-Dinitrophenol	10.022	184	82451	62.319	ng	#	77
55) Dibenzofuran	10.175	168	1389556	56.379	ng		99
56) 4-Nitrophenol	10.075	139	186307	62.130	ng		99
57) 2,4-Dinitrotoluene	10.151	165	295520	61.944	ng		95
58) Fluorene	10.516	166	1046138	55.570	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	265201	70.050	ng		99
60) Diethylphthalate	10.386	149	990716	59.094	ng		99
61) 4-Chlorophenyl-phenyle...	10.504	204	515436	56.664	ng		99
62) 4-Nitroaniline	10.527	138	242938	65.508	ng		98
63) Azobenzene	10.669	77	1104323	57.669	ng		98
65) 4,6-Dinitro-2-methylph...	10.563	198	119734	61.844	ng		98
66) n-Nitrosodiphenylamine	10.622	169	898967	59.328	ng		99
67) 4-Bromophenyl-phenylether	10.998	248	318696	60.555	ng		98
68) Hexachlorobenzene	11.069	284	341976	60.282	ng		100
69) Atrazine	11.145	200	250602	63.410	ng		98
70) Pentachlorophenol	11.263	266	165675	61.169	ng		98
71) Phenanthrene	11.480	178	1426848	56.831	ng		99
72) Anthracene	11.533	178	1459751	57.330	ng		100
73) Carbazole	11.680	167	1232939	56.857	ng		99
74) Di-n-butylphthalate	12.010	149	1127365	61.437	ng		100
75) Fluoranthene	12.669	202	1181812	53.737	ng		99
77) Benzidine	12.780	184	419198	56.115	ng		99
78) Pyrene	12.898	202	1196849	52.212	ng		100
80) Butylbenzylphthalate	13.504	149	283998	61.669	ng		98
81) Benzo(a)anthracene	14.080	228	1072649	61.763	ng		99
82) 3,3'-Dichlorobenzidine	14.039	252	313084	66.762	ng		99
83) Chrysene	14.121	228	937047	57.863	ng		100
84) Bis(2-ethylhexyl)phtha...	14.068	149	426553	62.688	ng		98
85) Di-n-octyl phthalate	14.680	149	856960	62.516	ng		99
87) Indeno(1,2,3-cd)pyrene	17.115	276	1462168	60.440	ng		100
88) Benzo(b)fluoranthene	15.145	252	1161807	62.905	ng		99
89) Benzo(k)fluoranthene	15.180	252	1035022	57.673	ng		99
90) Benzo(a)pyrene	15.521	252	1052580	60.510	ng		100
91) Dibenzo(a,h)anthracene	17.127	278	1170363	60.556	ng		99
92) Benzo(g,h,i)perylene	17.574	276	1182985	60.761	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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